

Richard A Bowen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,067
citations

623188

14
h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

2622
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental infection of domestic dogs and cats with SARS-CoV-2: Pathogenesis, transmission, and response to reexposure in cats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26382-26388.	3.3	340
2	Antibody potency, effector function, and combinations in protection and therapy for SARS-CoV-2 infection in vivo. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	283
3	SARS-CoV-2 evolution in animals suggests mechanisms for rapid variant selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	69
4	Experimental Evolution of an RNA Virus in Wild Birds: Evidence for Host-Dependent Impacts on Population Structure and Competitive Fitness. <i>PLoS Pathogens</i> , 2015, 11, e1004874.	2.1	51
5	A <i>Francisella tularensis</i> Live Vaccine Strain (LVS) Mutant with a Deletion in <i>capB</i> , Encoding a Putative Capsular Biosynthesis Protein, Is Significantly More Attenuated than LVS yet Induces Potent Protective Immunity in Mice against <i>F. tularensis</i> Challenge. <i>Infection and Immunity</i> , 2010, 78, 4341-4355.	1.0	49
6	Landscape of human antibody recognition of the SARS-CoV-2 receptor binding domain. <i>Cell Reports</i> , 2021, 37, 109822.	2.9	35
7	A self-amplifying mRNA SARS-CoV-2 vaccine candidate induces safe and robust protective immunity in preclinical models. <i>Molecular Therapy</i> , 2022, 30, 1897-1912.	3.7	33
8	Covax-19/Spikogen [®] vaccine based on recombinant spike protein extracellular domain with Advax-CpG55.2 adjuvant provides single dose protection against SARS-CoV-2 infection in hamsters. <i>Vaccine</i> , 2022, 40, 3182-3192.	1.7	25
9	West Nile Virus Infection in Ruffed Grouse (<i>Bonasa umbellus</i>): Experimental Infection and Protective Effects of Vaccination. <i>Veterinary Pathology</i> , 2017, 54, 901-911.	0.8	24
10	Characterization of non-lethal West Nile Virus (WNV) infection in horses: Subclinical pathology and innate immune response. <i>Microbial Pathogenesis</i> , 2017, 103, 71-79.	1.3	19
11	An alphavirus replicon-based vaccine expressing a stabilized Spike antigen induces protective immunity and prevents transmission of SARS-CoV-2 between cats. <i>Npj Vaccines</i> , 2021, 6, 122.	2.9	17
12	<i>Francisella tularensis</i> Live Vaccine Strain deficient in <i>capB</i> and overexpressing the fusion protein of IgIA, IgIB, and IgIC from the <i>bfr</i> promoter induces improved protection against <i>F. tularensis</i> respiratory challenge. <i>Vaccine</i> , 2016, 34, 4969-4978.	1.7	16
13	A Whole Virion Vaccine for COVID-19 Produced via a Novel Inactivation Method and Preliminary Demonstration of Efficacy in an Animal Challenge Model. <i>Vaccines</i> , 2021, 9, 340.	2.1	16
14	Predicting the Geographic Distribution of the <i>Bacillus anthracis</i> A1.a/Western North American Sub-Lineage for the Continental United States: New Outbreaks, New Genotypes, and New Climate Data. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 392-402.	0.6	16
15	Single vector platform vaccine protects against lethal respiratory challenge with Tier 1 select agents of anthrax, plague, and tularemia. <i>Scientific Reports</i> , 2018, 8, 7009.	1.6	14
16	Maternal Influenza A Virus Infection Restricts Fetal and Placental Growth and Adversely Affects the Fetal Thymic Transcriptome. <i>Viruses</i> , 2020, 12, 1003.	1.5	14
17	Œ”cps1 vaccine protects dogs against experimentally induced coccidioidomycosis. <i>Vaccine</i> , 2021, 39, 6894-6901.	1.7	14
18	Kinetics of the West Nile virus induced transcripts of selected cytokines and Toll-like receptors in equine peripheral blood mononuclear cells. <i>Veterinary Research</i> , 2016, 47, 61.	1.1	9

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19	Caprine humoral response to Burkholderia pseudomallei antigens during acute melioidosis from aerosol exposure. PLoS Neglected Tropical Diseases, 2019, 13, e0006851.	1.3	9
20	Powassan Virus Experimental Infections in Three Wild Mammal Species. American Journal of Tropical Medicine and Hygiene, 2021, 104, 1048-1054.	0.6	5
21	Malpais Spring Virus: a New Vesiculovirus from Mosquitoes Collected in New Mexico and Evidence of Infected Indigenous and Exotic Ungulates. American Journal of Tropical Medicine and Hygiene, 1988, 39, 586-592.	0.6	5
22	Retroviral Infection. , 2002, 180, 083-089.		1
23	PARTIAL PROTECTION IN BALB/C HOUSE MICE () AND ROCKY MOUNTAIN ELK () AFTER VACCINATION WITH A KILLED, MUCOSALLY DELIVERED VACCINE. Journal of Wildlife Diseases, 2019, 55, 794-803.	0.3	0